IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Leif Bowman et al.

Title:

SUBCUTANEOUS INFUSION SET

Appl. No.:

Unassigned

Filing Date:

CONCURRENTLY HEREWITH

Examiner:

Unassigned

Art Unit:

Unassigned

UTILITY PATENT APPLICATION TRANSMITTAL

Mail Stop PATENT APPLICATION Commissioner for Patents PO Box 1450 Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Leif Bowman

Albert Candioty

Milad Girgis

Thomas Rudolph

Fred Houghton

Jason Adams

Brian Highley

[] Applicant claims small entity status under 37 CFR 1.27.





Enclosed are:

- [X] Specification, Claim(s), and Abstract (17 pages).
- [X] Informal drawings (10 sheets, Figures 1, 2, 3, 4, 5, 6, 7, 8, 9, 10).
- [] Declaration and Power of Attorney (___ pages).
- [] Assignment of the invention to Medtronic MiniMed, Inc..
- [] Assignment Recordation Cover Sheet.
- [] Small Entity statement.
- [] Request for application not to be published with certification under 35 USC 122(b)(2)(B)(i).
- [] Information Disclosure Statement.
- [] Form PTO/SB/08 with copies of ___ listed reference(s).
- [X] Application Data Sheet (37 CFR 1.76).
- [] Claim for Convention Priority.

The filing fee is calculated below:

	Claims		Included		Extra		Rate		Fee
	as Filed		in		Claims				Totals
		1	Basic Fee					1	
Basic Fee							\$770.00	=	\$770.00
Total	28	-	20	=	8	X	\$18.00	=	\$144.00
Claims:									
Independents	4	-	3	=	1	X	\$86.00	=	\$86.00
:									
If any Multiple	e Dependen	t Cla	im(s) pres	ent:		+	\$290.00	=	\$0.00
Surcharge und	er 37 CFR	1.16(e) for late	filir	ng of	+	\$130.00		\$130.00
Executed Decl	laration and	late	payment o	f fil	ing fee			=	
							SUBTOTAL:	=	\$1130.00
[]		Sma	all Entity I	Fees	Apply (subtra	act ½ of above):	=	
			,		T	OTA	L FILING FEÉ:	=	\$1,130.00

- [] A check in the amount of \$0.00 to cover the filing fee is enclosed.
- [X] The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- [] The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-0872. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-0872.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Irvin C. Harrington, III Attorney for Applicant

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Date November 10, 2003

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. 047711-0331

In re patent application of

Leif Bowman et al.

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Group Art Unit: Unassigned

Appl. No. Unassigned

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For: SUBCUTANEOUS INFUSION SET

CERTIFICATE OF MAILING BY EXPRESS MAIL

Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Commissioner:

I hereby certify that the following paper(s) and/or fee along with any attachments referred to or identified as being attached or enclosed are being deposited with the United States Postal Service as Express Mail (Express Mail Label No. EV060047141US) under 37 C.F.R. § 1.10 on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

- 1. Utility Patent Application Transmittal
- 2. Application Data Sheet
- 3. Specification, Claims and Abstract (17 pages)
- 4. Informal Drawings (10 sheets, Figs. 1-10)
- 5. Postcard

Respectfully submitted,

Irvin C. Harrington, III Reg. No. 44,740

November 10, 2003

Date

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